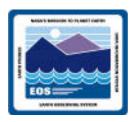


ECS Release B CDR Introduction Ed Lerner

edle@eos.hitc.com

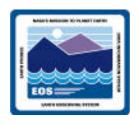
23 April 1996

CDR Agenda Topics



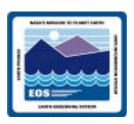
- Agenda at a Glance
- Road to CDR
- Release B Driving Requirements and Major New Features
- ECS Release B System Overview
- Outbriefs of Detailed Design Sessions
- Special Technical Topics
- Program Management Topics
- Road to AM-1/ Landsat-7
- Demos and Poster Sessions

CDR Agenda at a Glance



		T	I was a same	ū .	U =
Monday, April 22		Tuesday, April 23 Auditorium	Wednesday, April 24 Auditorium	Thursday, April 25 Auditorium	Friday, April 26
7:30 Registration - Lobby		7:30 Continental Breakfast	7:30 Continental Breakfast	7:30 Continental Breakfast	April 20
Continental breakfast in meeting		7.50 Continental Breaklast	7.00 Commentar Breaklast	7.50 Continental Breaklast	
rooms					
2030	Auditorium	8:00 Objectives/Expectations (ESDIS)	8:00 Data Processing Subsystem (DPS)	8:00 Program Management Topics	
8:00 DAAC	8:00 CDR Review	8:15 CDR Introduction (ECS)	Review		
Physical	Panel	8:45 Road to CDR	8:45 Data Server Subsystem	1	
Design			(DSS) Review		
Design			Review		
		9:30 Release B Driving	9:30 Client Subsystem (CLS)		
	+	Requirements/ Major New Features	Review		
	j i	10:00 Break	10:00 Interoperability Subsystem	10:00 BREAK	
10:00 BREAK		10:15 ECS System Overview	(IOS) Review	10:15 Road to AM-1/Landsat-7	
10:00 BREAK		End-to-end System	10:30 BREAK	10.15 Road to AM-1/Landsat-/	
10.10		Scenario	10.00 BILEFIE		
DAAC	CDR Review		10:45 Data Management		
Physical	Panel		Subsystem (DMS) Review		
Design	l and		(Bivio) Review	J	
			11:30 Management Subsystem		
			(MSS) Review		
			1.01.01.		
12:00 LUNCH			12:15 Data Model/ HDF-EOS Review	12:00 LUNCH Demos/ Poster Sessions	
		12:45 LUNCH	12:45 LUNCH	Demos, Foster Gessions	
		Demos	Demos/ Poster Sessions		
1:00				1:00 Closed Review Panel Meeting	
DAAC	CDR Review			Meeting	
Physical	Panel	1:45 CDR Review Board Intro	1:45 Modeling/ Sizing Review		
Design		2:00 ECS Infrastructure Review		2:00 CDR Wrap-up	
	i				
		2:45 BREAK	2:45 External Data Provider		
2:45 BREAK		3:00 Communications Subsystem (CSS)			
3:00		Review	il i		
ECS	CDR Review	3:30 Ingest Subsystem (INS) Review			
Operations	Panel	IVEAIGM	3:45 BREAK		
]		4:00 Transition to Release B		
		4:15 Planning Subsystem (PLS) Review			
		Leview			
	.				
		5:00 Review Panel	5:00 Review Panel		

ECS Release B System Overview



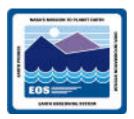
System Overview

- High level description of ECS system architecture
- Key design refinements since IDR

End-to-end system scenario

- Provides specific examples of how ECS subsystems interact
- Highlights several new to Release B capabilities

Outbriefs of Detailed Design Presentations



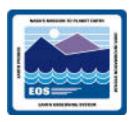
ECS will present a brief technical overview

- Design drivers
- Release B capabilities
- Architecture overview
- COTS selections
- Prototypes and trades

Detailed design status

 Review panel representative will present findings and recommendations from the detailed design reviews

Special Technical Topics



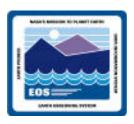
External Data Provider (EDP)

- ECS support for EDP interoperability provided by Release B
- February workshop and subsequent white paper
- Implicit evolutionary considerations related to emerging federation concepts

Transition to Release B

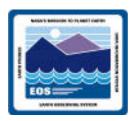
- Includes a summary of the "Transition to Release B" white paper
- General approach to transitioning to an operational Release B system

Program Management Topics



- Release B and overall ECS schedule
- Interim Release 1 status
- Release A status
- ICD status, impacts and closure plan
- Risk management
- Incremental track

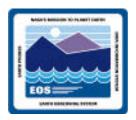
Road to AM-1/Landsat-7



Release B implementation plan

- Schedule
- Custom code development
- COTS integration
- Integration and test
- AM-1/Landsat-7 operations

Demos and Poster Sessions



Demos (Tu, We, Th)

- Client tools (Motif and Java)
- ESQL
- System management (HPOV and TME)
- Performance modeling (BoNES)

Poster sessions (We, Th)

- User characterization
- Science Office outreach
- Collaborative prototypes
- Dynamic modeling
- Autosys scalability prototype